

## ABSTRACT OF THE DISCLOSURE

An apparatus for the interstitial coagulation of tissues includes at least one electrode by way of which an HF coagulation current can be conducted into the tissue of a patient. The electrode is constructed as a three-dimensional body that can be expanded to various states of expansion, or is attached to such a body, so that by continuous or stepwise expansion of the body the  
5 electrode can be kept in constant electrical contact with the tissue during coagulation. In this way the apparatus enables the tissue treatment to be more uniformly distributed.